

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently amended) A female terminal for use with a male terminal in establishing an electrical power connection, said female terminal comprising:

a main connector body having an open inserting end for receiving an inserting portion of the male terminal and an interior location for establishing a main electrical interface being established upon completed insertion of the between said male terminal within and said female terminal, said interior location comprising elongated, twisted, curved and angled beams extending along opposing interior faces of said main connector body and along said main electrical interface;

the main connector body having at least one tab projecting from a location of said female terminal and proximate to said open inserting end of the main connector body and distal from said interior location of the main connector body, said at least one tab being contacted by the male inserting portion and prior to or subsequent of achieving said main electrical interface; wherein upon the an occurrence of an electrical arcing event between the male and female terminals, an energy flow resulting from said arcing event traveling from said male terminal through said at least one projecting tab and at a location remote from said main electrical interface for both said male and female terminals.

2. (Original) The female terminal as described in claim 1, said at least one tab further comprising an angled and electrically connected tang portion.

3. (Currently amended) The female terminal as described in claim 1, said at least one tab further comprising a plurality of angled, twisted and electrically connected tang portions arranged at specified locations along said open inserted end.
4. (Original) The female terminal as described in claim 1, said main connector body further comprising a rounded and cylindrical shaped body, the male inserting portion further comprising a rectangular shaped inserting blade.
5. (Original) The female terminal as described in claim 1, said main connector body further comprising a rounded and cylindrical shaped body, the male inserting portion further comprising a rounded and cylindrical inserting pin.
6. (Currently amended) The female terminal as described in claim 1, further comprising a pair of Lorentz force inducing magnets positioned on opposite facing sides of said main connector body and proximate said at least ~~contact~~ one tab at said open inserting end.
7. (Original) The female terminal as described in claim 6, further comprising multiple and interconnecting female and male terminals positioned between said magnets and according to a specified conventional array.
8. (Currently amended) The female terminal as described in claim 1, further comprising an angled configurable blank into which is formed said female terminal.
9. (Cancelled)
10. (Currently amended) The female terminal as described in claim 9, further comprising a pair of contact ribs extending in opposing fashion within said main connector body at said main electrical interface, said contact ribs providing against overstressing of said

beams, as well as at least one rib providing current conducting through said female terminal.

11. (Currently amended) The female terminal as described in claim 1, further comprising a coating of a material including at least one of a nickel, ceramic, silver and gold applied upon said at least one tab.

12. (Newly added) A female terminal for use with a male terminal in establishing an electrical power connection, said female comprising:

a main connector body having an open inserting end for receiving an inserting portion of the male terminal, a main electrical interface being established upon completed insertion of the male terminal and within an interior location of said female terminal;

at least one tab projecting from a location of said female terminal and proximate said open inserting end, said tab being contacted by the male inserting portion and prior to or subsequent of achieving said main electrical interface, said at least one tab further comprising a plurality of angled, twisted and electrically connected tang portions arranged at specified locations along said open inserted end; wherein upon the occurrence of an electrical arcing event between the male and female terminals, an energy flow resulting from said event traveling from said male terminal through said projecting tab and at a location remote from said main electrical interface for both said male and female terminals.